

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|------|--|-----------------|------------------|---------|------------------|
| L2    | 54   | (authenti\$5 or author \$6 or log-on or log? on) with (node or device or client) with (IP address) same (access request) | US-PGPUB; USPAT | ADJ              | ON      | 2011/05/23 07:25 |
| L3    | 118  | (authenti\$5 or author \$6 or log-on or log? on) with (node or device or client) with (address) same (access request)    | US-PGPUB; USPAT | ADJ              | ON      | 2011/05/23 07:29 |
| L4    | 21   | (regist\$5 same discovery server) same address   | US-PGPUB; USPAT | ADJ              | ON      | 2011/05/23 07:37 |
| L5    | 476  | (regist\$5 same discovery) same address same server  | US-PGPUB; USPAT | ADJ              | ON      | 2011/05/23 07:40 |
| L6    | 507  | (regist\$5 same discovery) same IP address   | US-PGPUB; USPAT | ADJ              | ON      | 2011/05/23 07:40 |
| L7    | 64   | (regist\$5 same discovery) same IP address same (author \$5 or authentic\$5)   | US-PGPUB; USPAT | ADJ              | ON      | 2011/05/23 07:40 |
| L8    | 6198 | (authenti\$5 or author \$6 or log-on or log? on) with (node or device or client) with (address)                          | US-PGPUB; USPAT | ADJ              | ON      | 2011/05/23 07:54 |
| L9    | 2000 | (authenti\$5 or author \$6 or log-on or log? on) with (node or device or client) with (IP address)                       | US-PGPUB; USPAT | ADJ              | ON      | 2011/05/23 07:54 |
| L10   | 723  | 9 and "709".clas.  | US-PGPUB; USPAT | ADJ              | ON      | 2011/05/23 07:55 |
| S1    | 1    | us-20050038889-\$. did.  | US-PGPUB; USPAT | ADJ              | ON      | 2006/12/30 11:48 |

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|-----|------|--|--------------------|-----|----|---------------------|
| S2  | 2    | us-5185860-\$.did. or<br>us-5276789-\$.did.                                      | US-PGPUB;<br>USPAT | ADJ | ON | 2006/12/28<br>15:29 |
| S3  | 5    | (access) (request)<br>same ((discovery)<br>(request or<br>procedure))            | US-PGPUB;<br>USPAT | ADJ | ON | 2006/12/30<br>11:49 |
| S4  | 2611 | 709/225.ccls.  | US-PGPUB;<br>USPAT | ADJ | ON | 2006/12/30<br>11:50 |
| S5  | 839  | S4 and (access).ab.  | US-PGPUB;<br>USPAT | ADJ | ON | 2006/12/30<br>11:50 |
| S6  | 48   | S4 and (access<br>request).ab.   | US-PGPUB;<br>USPAT | ADJ | ON | 2006/12/30<br>12:08 |
| S7  | 13   | discovery server and<br>S4   | US-PGPUB;<br>USPAT | ADJ | ON | 2006/12/30<br>11:51 |
| S8  | 142  | ("5185860").URPN.  | USPAT              | ADJ | ON | 2006/12/30<br>12:03 |
| S9  | 4    | S8 and (access<br>request)   | USPAT              | ADJ | ON | 2006/12/30<br>12:04 |
| S10 | 4    | S8 and ((access or<br>join) request)   | USPAT              | ADJ | ON | 2006/12/30<br>12:05 |
| S11 | 239  | dhcpdiscover   | US-PGPUB;<br>USPAT | ADJ | ON | 2006/12/30<br>12:21 |
| S12 | 0    | S11 and ((SNMP or<br>ICMP) with (poll))  | US-PGPUB;<br>USPAT | ADJ | ON | 2006/12/30<br>12:21 |
| S13 | 229  | ((SNMP or ICMP)<br>with (poll))  | US-PGPUB;<br>USPAT | ADJ | ON | 2006/12/30<br>14:13 |
| S14 | 26   | S13 and DHCP   | US-PGPUB;<br>USPAT | ADJ | ON | 2006/12/30<br>12:22 |
| S15 | 11   | ((SNMP or ICMP)<br>with (poll)) and S4   | US-PGPUB;<br>USPAT | ADJ | ON | 2006/12/30<br>13:43 |
| S16 | 2    | us-5185860-\$.did. or<br>us-5276789-\$.did.                                      | US-PGPUB;<br>USPAT | ADJ | ON | 2006/12/30<br>13:43 |
| S17 | 0    | S16 and time stamp   | US-PGPUB;<br>USPAT | ADJ | ON | 2006/12/30<br>13:43 |
| S18 | 10   | S11 and time stamp   | US-PGPUB;<br>USPAT | ADJ | ON | 2006/12/30<br>13:49 |
| S19 | 6    | (dhcpdiscover or<br>dhcp request) same<br>(time with (stamp or<br>log or entry)) | US-PGPUB;<br>USPAT | ADJ | ON | 2006/12/30<br>13:59 |
| S20 | 783  | (wait time) with<br>(request)  | US-PGPUB;<br>USPAT | ADJ | ON | 2006/12/30<br>14:05 |
| S21 | 163  | S20 and "709".clas.  | US-PGPUB;<br>USPAT | ADJ | ON | 2006/12/30<br>14:00 |

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|-----|------|---|--------------------|-----|----|---------------------|
| S22 | 56   | S21 and 709/223-225.ccls.   | US-PGPUB;<br>USPAT | ADJ | ON | 2006/12/30<br>14:00 |
| S23 | 3    | (minimum wait time)<br>with (request)   | US-PGPUB;<br>USPAT | ADJ | ON | 2006/12/30<br>14:05 |
| S24 | 99   | S13 and 709/223-225.ccls.   | US-PGPUB;<br>USPAT | ADJ | ON | 2006/12/30<br>14:13 |
| S25 | 3711 | 709/225.ccls.   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/01/02<br>15:06 |
| S26 | 11   | ((access\$5 with<br>request with IP<br>address) and<br>((discovery server)))                                      | US-PGPUB;<br>USPAT | ADJ | ON | 2009/01/02<br>15:06 |
| S27 | 0    | ((log?on or logon)<br>with IP address) and<br>((discovery server)))   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/01/02<br>15:07 |
| S28 | 5    | ((log?on or logon or<br>login or log?in or log<br>in) with IP address)<br>and ((discovery<br>server)))            | US-PGPUB;<br>USPAT | ADJ | ON | 2009/01/02<br>15:08 |
| S29 | 667  | (SNMP or ICMP) with<br>(poll\$5)  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/01/02<br>15:09 |
| S30 | 46   | S29 and ((access\$5<br>with request) or log?<br>on or logon or login<br>or log?in or log in)<br>same (IP address) | US-PGPUB;<br>USPAT | ADJ | ON | 2009/01/02<br>15:10 |
| S31 | 29   | ((access\$5 with<br>request same IP<br>address) and<br>((discovery server)))                                      | US-PGPUB;<br>USPAT | ADJ | ON | 2009/01/02<br>15:10 |
| S32 | 2    | "5185860".pn. or<br>"5276789".pn.   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/01/02<br>15:12 |
| S33 | 119  | ((log?on or logon or<br>login or log?in or log<br>in) with request)<br>same (discover\$6)                         | US-PGPUB;<br>USPAT | ADJ | ON | 2009/01/02<br>15:34 |
| S34 | 54   | ((discover\$6) server<br>with register\$5)  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/01/02<br>15:50 |
| S35 | 41   | ((discover\$6)<br>procedure with<br>register\$5)  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/01/02<br>15:53 |

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|-----|-----|---|-----------------|-----|----|------------------|
| S36 | 655 | ((log?on or logon or login or log?in or log in or regist\$5)) same (discover\$6 near3 (server or module))                                   | US-PGPUB; USPAT | ADJ | ON | 2009/01/03 10:55 |
| S37 | 291 | S36 and "709".clas.   | US-PGPUB; USPAT | ADJ | ON | 2009/01/03 10:56 |
| S38 | 217 | ((log?on or logon or login or log?in or log in or regist\$5)) same (SNMP near3 (server or agent or module))                                 | US-PGPUB; USPAT | ADJ | ON | 2009/01/03 11:28 |
| S39 | 114 | S38 and "709".clas.   | US-PGPUB; USPAT | ADJ | ON | 2009/01/03 11:28 |
| S40 | 0   | ((log?on or logon or login or log?in or log in or regist\$5)) same (SNMP near3 (server or agent or module)) and (topograph\$5 same poll\$6) | US-PGPUB; USPAT | ADJ | ON | 2009/01/03 11:29 |
| S41 | 11  | ((log?on or logon or login or log?in or log in or regist\$5)) same (SNMP near3 (server or agent or module)) same (poll\$6)                  | US-PGPUB; USPAT | ADJ | ON | 2009/01/03 11:30 |
| S42 | 124 | ((SNMP or ICMP) near4 poll\$5 same (discover\$ or detect \$5))  | US-PGPUB; USPAT | ADJ | ON | 2009/07/30 14:28 |
| S43 | 24  | ((SNMP or ICMP) near4 poll\$5 same topo\$8)   | US-PGPUB; USPAT | ADJ | ON | 2009/07/30 15:56 |
| S44 | 5   | ((SNMP or ICMP) near4 poll\$5 same network topolog\$6 same (discover\$ or detect\$5))   | US-PGPUB; USPAT | ADJ | ON | 2009/07/30 16:04 |
| S45 | 5   | authentic node  | US-PGPUB; USPAT | ADJ | ON | 2010/01/21 14:25 |
| S46 | 99  | authenticated node  | US-PGPUB; USPAT | ADJ | ON | 2010/01/21 14:26 |
| S47 | 181 | (authentic\$6 or verif \$5) same (DHCP near4 request with IP address)   | US-PGPUB; USPAT | ADJ | ON | 2010/02/12 14:19 |

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| S48 | 0    | (docking station)<br>same (boot\$5) same<br>(logon or login or<br>dialog) same<br>(domain) | US-PGPUB;<br>USPAT | ADJ | ON | 2010/02/12<br>15:27 |
| S49 | 1    | us-20050038889-\$.<br>did.   | US-PGPUB;<br>USPAT | ADJ | ON | 2010/02/12<br>15:27 |
| S50 | 2    | us-5185860-\$.did. or<br>us-5276789-\$.did.  | US-PGPUB;<br>USPAT | ADJ | ON | 2010/02/12<br>15:27 |
| S51 | 23   | (access) (request)<br>same ((discovery)<br>(request or<br>procedure))                      | US-PGPUB;<br>USPAT | ADJ | ON | 2010/02/12<br>15:27 |
| S52 | 4407 | 709/225.ccls.  | US-PGPUB;<br>USPAT | ADJ | ON | 2010/02/12<br>15:27 |
| S53 | 1429 | S52 and (access).ab.   | US-PGPUB;<br>USPAT | ADJ | ON | 2010/02/12<br>15:27 |
| S54 | 83   | S52 and (access<br>request).ab.  | US-PGPUB;<br>USPAT | ADJ | ON | 2010/02/12<br>15:27 |
| S55 | 15   | discovery server and<br>S52  | US-PGPUB;<br>USPAT | ADJ | ON | 2010/02/12<br>15:27 |
| S56 | 172  | ("5185860").URPN.  | USPAT              | ADJ | ON | 2010/02/12<br>15:27 |
| S57 | 6    | S56 and (access<br>request)  | USPAT              | ADJ | ON | 2010/02/12<br>15:27 |
| S58 | 6    | S56 and ((access or<br>join) request)  | USPAT              | ADJ | ON | 2010/02/12<br>15:27 |
| S59 | 380  | dhcpdiscover   | US-PGPUB;<br>USPAT | ADJ | ON | 2010/02/12<br>15:27 |
| S60 | 2    | S59 and ((SNMP or<br>ICMP) with (poll))  | US-PGPUB;<br>USPAT | ADJ | ON | 2010/02/12<br>15:27 |
| S61 | 376  | ((SNMP or ICMP)<br>with (poll))  | US-PGPUB;<br>USPAT | ADJ | ON | 2010/02/12<br>15:27 |
| S62 | 53   | S61 and DHCP   | US-PGPUB;<br>USPAT | ADJ | ON | 2010/02/12<br>15:27 |
| S63 | 17   | ((SNMP or ICMP)<br>with (poll)) and S52  | US-PGPUB;<br>USPAT | ADJ | ON | 2010/02/12<br>15:27 |
| S64 | 2    | us-5185860-\$.did. or<br>us-5276789-\$.did.  | US-PGPUB;<br>USPAT | ADJ | ON | 2010/02/12<br>15:27 |
| S65 | 0    | S64 and time stamp   | US-PGPUB;<br>USPAT | ADJ | ON | 2010/02/12<br>15:27 |
| S66 | 17   | S59 and time stamp   | US-PGPUB;<br>USPAT | ADJ | ON | 2010/02/12<br>15:27 |

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| S67 | 17   | (dhcpdiscover or dhcp request) same (time with (stamp or log or entry))                              | US-PGPUB; USPAT | ADJ | ON | 2010/02/12 15:27 |
| S68 | 1291 | (wait time) with (request)   | US-PGPUB; USPAT | ADJ | ON | 2010/02/12 15:27 |
| S69 | 260  | S68 and "709".clas.  | US-PGPUB; USPAT | ADJ | ON | 2010/02/12 15:27 |
| S70 | 91   | S69 and 709/223-225.ccls.  | US-PGPUB; USPAT | ADJ | ON | 2010/02/12 15:27 |
| S71 | 3    | (minimum wait time) with (request)   | US-PGPUB; USPAT | ADJ | ON | 2010/02/12 15:27 |
| S72 | 158  | S61 and 709/223-225.ccls.  | US-PGPUB; USPAT | ADJ | ON | 2010/02/12 15:27 |
| S73 | 4407 | 709/225.ccls.  | US-PGPUB; USPAT | ADJ | ON | 2010/02/12 15:27 |
| S74 | 12   | ((access\$5 with request with IP address) and ((discovery server)))                                  | US-PGPUB; USPAT | ADJ | ON | 2010/02/12 15:27 |
| S75 | 0    | ((log?on or logon) with IP address) and ((discovery server)))  | US-PGPUB; USPAT | ADJ | ON | 2010/02/12 15:27 |
| S76 | 5    | ((log?on or logon or login or log?in or log in) with IP address) and ((discovery server)))           | US-PGPUB; USPAT | ADJ | ON | 2010/02/12 15:27 |
| S77 | 784  | (SNMP or ICMP) with (poll\$5)  | US-PGPUB; USPAT | ADJ | ON | 2010/02/12 15:27 |
| S78 | 58   | S77 and ((access\$5 with request) or log?on or logon or login or log?in or log in) same (IP address) | US-PGPUB; USPAT | ADJ | ON | 2010/02/12 15:27 |
| S79 | 35   | ((access\$5 with request same IP address) and ((discovery server)))                                  | US-PGPUB; USPAT | ADJ | ON | 2010/02/12 15:27 |
| S80 | 2    | "5185860".pn. or "5276789".pn.   | US-PGPUB; USPAT | ADJ | ON | 2010/02/12 15:27 |
| S81 | 155  | ((log?on or logon or login or log?in or log in) with request) same (discover\$6)                     | US-PGPUB; USPAT | ADJ | ON | 2010/02/12 15:27 |

|     |     |   |                 |     |    |                  |
|-----|-----|---|-----------------|-----|----|------------------|
| S82 | 59  | ((discover\$6) server with register\$5)   | US-PGPUB; USPAT | ADJ | ON | 2010/02/12 15:27 |
| S83 | 59  | ((discover\$6) procedure with register\$5)  | US-PGPUB; USPAT | ADJ | ON | 2010/02/12 15:27 |
| S84 | 803 | ((log?on or logon or login or log?in or log in or regist\$5)) same (discover\$6 near3 (server or module))                                   | US-PGPUB; USPAT | ADJ | ON | 2010/02/12 15:27 |
| S85 | 351 | S84 and "709".clas.   | US-PGPUB; USPAT | ADJ | ON | 2010/02/12 15:27 |
| S86 | 238 | ((log?on or logon or login or log?in or log in or regist\$5)) same (SNMP near3 (server or agent or module))                                 | US-PGPUB; USPAT | ADJ | ON | 2010/02/12 15:27 |
| S87 | 122 | S86 and "709".clas.   | US-PGPUB; USPAT | ADJ | ON | 2010/02/12 15:27 |
| S88 | 0   | ((log?on or logon or login or log?in or log in or regist\$5)) same (SNMP near3 (server or agent or module)) and (topograph\$5 same poll\$6) | US-PGPUB; USPAT | ADJ | ON | 2010/02/12 15:27 |
| S89 | 11  | ((log?on or logon or login or log?in or log in or regist\$5)) same (SNMP near3 (server or agent or module)) same (poll\$6)                  | US-PGPUB; USPAT | ADJ | ON | 2010/02/12 15:27 |
| S90 | 131 | ((SNMP or ICMP) near4 poll\$5 same (discover\$ or detect \$5))  | US-PGPUB; USPAT | ADJ | ON | 2010/02/12 15:27 |
| S91 | 27  | ((SNMP or ICMP) near4 poll\$5 same topo\$8)   | US-PGPUB; USPAT | ADJ | ON | 2010/02/12 15:27 |
| S92 | 6   | ((SNMP or ICMP) near4 poll\$5 same network topolog\$6 same (discover\$ or detect\$5))   | US-PGPUB; USPAT | ADJ | ON | 2010/02/12 15:27 |
| S93 | 5   | authentic node  | US-PGPUB; USPAT | ADJ | ON | 2010/02/12 15:27 |

|      |       |  |                    |     |    |                     |
|------|-------|--|--------------------|-----|----|---------------------|
| S94  | 101   | authenticated node   | US-PGPUB;<br>USPAT | ADJ | ON | 2010/02/12<br>15:27 |
| S95  | 2452  | ((access or authentic<br>\$5) near4 request)<br>with IP address  | US-PGPUB;<br>USPAT | ADJ | ON | 2011/05/22<br>19:41 |
| S96  | 820   | S95 and (poll\$5 or<br>discover\$5)  | US-PGPUB;<br>USPAT | ADJ | ON | 2011/05/22<br>19:41 |
| S97  | 18    | S95 and (poll\$5 or<br>discover\$5) same<br>(topography or<br>topology)  | US-PGPUB;<br>USPAT | ADJ | ON | 2011/05/22<br>19:42 |
| S98  | 416   | ((access or authentic<br>\$5) near4 request)<br>with IP address<br>same (connection)                                     | US-PGPUB;<br>USPAT | ADJ | ON | 2011/05/22<br>19:50 |
| S99  | 11    | ((access or authentic<br>\$5) near4 request)<br>with IP address<br>same (connection)<br>same (discover\$5 or<br>poll\$5) | US-PGPUB;<br>USPAT | ADJ | ON | 2011/05/22<br>19:51 |
| S100 | 7     | ((access or authentic<br>\$5) near4 request)<br>with IP address<br>same (poll\$5 or<br>discover%6)                       | US-PGPUB;<br>USPAT | ADJ | ON | 2011/05/22<br>19:53 |
| S101 | 62    | ((access or authentic<br>\$5) near4 request)<br>with IP address<br>same (poll\$5 or<br>discover\$6)                      | US-PGPUB;<br>USPAT | ADJ | ON | 2011/05/22<br>19:53 |
| S102 | 15    | (authenti\$6 with<br>(device or node))<br>and (address same<br>(discovery server))                                       | US-PGPUB;<br>USPAT | ADJ | ON | 2011/05/22<br>19:56 |
| S103 | 60879 | (authenti\$6 with<br>(device or node))   | US-PGPUB;<br>USPAT | ADJ | ON | 2011/05/22<br>19:58 |
| S104 | 6     | (authenti\$6 with<br>(device or node))<br>same (poll\$5 with IP<br>address)  | US-PGPUB;<br>USPAT | ADJ | ON | 2011/05/22<br>19:58 |
| S105 | 604   | (discovery server)   | US-PGPUB;<br>USPAT | ADJ | ON | 2011/05/22<br>20:00 |
| S106 | 194   | S105 and (authenti<br>\$5)   | US-PGPUB;<br>USPAT | ADJ | ON | 2011/05/22<br>20:00 |



|      |      |  |                 |     |    |                  |
|------|------|--|-----------------|-----|----|------------------|
| S107 | 74   | S105 and (authenti\$5) with (node or device)   | US-PGPUB; USPAT | ADJ | ON | 2011/05/22 20:00 |
| S108 | 121  | S105 and (authenti\$5 or author\$6) with (node or device)  | US-PGPUB; USPAT | ADJ | ON | 2011/05/22 20:02 |
| S109 | 4225 | (authenti\$5 or author\$6) with (node or device or client) same (IP address)                       | US-PGPUB; USPAT | ADJ | ON | 2011/05/22 20:06 |
| S110 | 64   | S109 and (discovery server)  | US-PGPUB; USPAT | ADJ | ON | 2011/05/22 20:07 |
| S111 | 114  | (authenti\$5 or author\$6) with (node or device or client) same (IP address) same (access request) | US-PGPUB; USPAT | ADJ | ON | 2011/05/22 20:09 |

### EAST Search History (I nterference)

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**5/ 23/ 2011 8:32:38 AM**

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